

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 03/00402

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/32, G08B 21/24  
According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04M, G08B, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	EP 1251472 A1 (SONY INTERNATIONAL (EUROPE) GMBH), 23 October 2002 (23.10.02), paragraphs [0009] - [0027], abstract.	1-30
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Y	US 5673023 A (SMITH, B.K.), 30 Sept 1997 (30.09.97), column 6, line 21 - line 26, abstract	1-30
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Y	WO 0032002 A1 (ERICSSON, INC.), 2 June 2000 (02.06.00), page 4, line 16 - page 5, line 3	1-30
	--	
A	US 6397088 B1 (ROO, K-Y.), 28 May 2002 (28.05.02), abstract	1-30
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☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"B" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

2 Sept 2003

Date of mailing of the international search report

03 -09- 2003

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5796338 A (MARDIROSSIAN, A.), 18 August 1998 (18.08.98), abstract  -----  --  -----	1-30

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

26/07/03

International application No.  
PCT/FI 03/00402

Patent document cited in search report			Publication date	Patent family member(s)	Publication date
EP	1251472	A1	23/10/02	NONE	
US	5673023	A	30/09/97	NONE	
WO	0032002	A1	02/06/00	AT 226005 T	15/10/02
				AU 759235 B	10/04/03
				AU 1718300 A	13/06/00
				CN 1326661 T	12/12/01
				DE 69903467 D,T	26/06/03
				EP 1131975 A,B	12/09/01
				ES 2185410 T	16/04/03
				JP 2002531031 T	17/09/02
				US 6493550 B	10/12/02
US	6397088	B1	28/05/02	CN 1248142 A	22/03/00
				KR 274091 B	15/12/00
				KR 2000019731 A	15/04/00
US	5796338	A	18/08/98	EP 0962103 A	08/12/99
				WO 9834417 A	06/08/98